

Set Name Query
side by side

Hit Count Set Name
result set

DB=USPT,PGPB,JPAB,EPAB,DWPI; PLUR=YES; OP=ADJ

<u>L5</u>	l3 and L4	11	<u>L5</u>
<u>L4</u>	humectant\$1	14536	<u>L4</u>
<u>L3</u>	l1 and L2	619	<u>L3</u>
	sul\$2onylur\$6 or sul\$2onylcarbonyldi?mino or sul\$2onylaminocarbonylamino or (sul\$2onylaminocarbonyl amino) or (sul\$2onylamino (carbonylamino or (carbonyl amino))) or ur\$6sul\$2onyl\$ or carbonyldi?minosul\$2onyl\$ or aminocarbonylaminosul\$2onyl\$ or (aminocarbonyl		
<u>L2</u>	aminosul\$2onyl\$) or (amino (carbonylaminosul\$2onyl\$ or (carbonyl aminosul\$2onyl\$))) or \$2carbamoylsul\$2amoyl or (\$2carbamoyl \$2sul\$2amoyl) or sul\$2onyl near (urea\$1 or ureido or ureylene or uramino or carbonyldi?mino or aminocarbonylamino or (aminocarbonyl amino) or (amino (carbonylamino or (carbonyl amino)))))	9374	<u>L2</u>
<u>L1</u>	bromus or brome\$1	3138	<u>L1</u>

END OF SEARCH HISTORY

WEST**Search Results - Record(s) 1 through 10 of 11 returned.**

1. Document ID: US 20020072474 A1

L5: Entry 1 of 11

File: PGPB

Jun 13, 2002

PGPUB-DOCUMENT-NUMBER: 20020072474
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020072474 A1

TITLE: Herbicidal compositions

PUBLICATION-DATE: June 13, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bickers, Udo	Wietmarschen		DE	
Bieringer, Hermann	Eppstein		DE	
Frisch, Gerhard	Wehrheim		DE	
Hacker, Erwin	Hochheim		DE	
Huff, Hans Philipp	Eppstein		DE	

US-CL-CURRENT: 504/211

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw. Desc	Image										

2. Document ID: US 20020058591 A1

L5: Entry 2 of 11

File: PGPB

May 16, 2002

PGPUB-DOCUMENT-NUMBER: 20020058591
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020058591 A1

TITLE: Herbicidal compositions

PUBLICATION-DATE: May 16, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Bickers, Udo	Wietmarschen		DE	
Bieringer, Hermann	Eppstein		DE	
Frisch, Gerhard	Wehrheim		DE	
Hacker, Erwin	Hochheim		DE	
Huff, Hans Philipp	Eppstein		DE	

US-CL-CURRENT: 504/211

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KMC
Draw	Desc	Image									

3. Document ID: US 5985793 A

L5: Entry 3 of 11

File: USPT

Nov 16, 1999

US-PAT-NO: 5985793

DOCUMENT-IDENTIFIER: US 5985793 A

TITLE: Sequential application method for treating plants with exogenous chemicals

DATE-ISSUED: November 16, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Sandbrink; Joseph J.	Des Peres	MO		
Warner; James M.	University City	MO		
Wright; Daniel R.	St. Louis	MO		
Feng; Paul C. C.	Ellisville	MO		

US-CL-CURRENT: 504/363, 424/405, 504/206, 504/208, 504/212, 504/250, 504/253,
504/258, 504/274, 504/291, 504/323, 504/324, 504/339, 504/342, 504/347, 504/352

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw	Desc	Image								

4. Document ID: US 5912209 A

L5: Entry 4 of 11

File: USPT

Jun 15, 1999

US-PAT-NO: 5912209

DOCUMENT-IDENTIFIER: US 5912209 A

TITLE: Surfactants providing enhanced efficacy and/or rainfastness to glyphosate formulations

DATE-ISSUED: June 15, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kassebaum; James W.	Indianapolis	IN		
Sandbrink; Joseph J.	Des Peres	MO		
Warner; James M.	St. Louis	MO		

US-CL-CURRENT: 504/206

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw	Desc	Image								

5. Document ID: US 5663117 A

L5: Entry 5 of 11

File: USPT

Sep 2, 1997

US-PAT-NO: 5663117

DOCUMENT-IDENTIFIER: US 5663117 A

TITLE: Alkoxylated primary alcohol surfactants providing enhanced efficacy and/or rainfastness to glyphosate formulations

DATE-ISSUED: September 2, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Warner; James M.	St. Louis	MO		

US-CL-CURRENT: 504/206; 504/362

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

 6. Document ID: US 5658853 A

L5: Entry 6 of 11

File: USPT

Aug 19, 1997

US-PAT-NO: 5658853

DOCUMENT-IDENTIFIER: US 5658853 A

TITLE: Glyphosate herbicidal compositions having enhanced rainfastness comprising an acetylenic diol and an alkyl polyglycoside

DATE-ISSUED: August 19, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kassebaum; James W.	Manchester	MO		
Dayawon; Miguel M.	St. Louis	MO		
Sandbrink; Joseph J.	Des Peres	MO		

US-CL-CURRENT: 504/206; 504/362

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw Desc	Image									

 7. Document ID: US 5639711 A

L5: Entry 7 of 11

File: USPT

Jun 17, 1997

US-PAT-NO: 5639711

DOCUMENT-IDENTIFIER: US 5639711 A

TITLE: Glyphosate-containing herbicidal compositions having enhanced effectiveness

DATE-ISSUED: June 17, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kassebaum; James W.	Manchester	MO		
Dayawon; Miguel M.	St. Louis	MO		
Sandbrink; Joseph J.	Des Peres	MO		

US-CL-CURRENT: 504/206; 504/362

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KIMC](#)
[Drawn Desc](#) | [Image](#)

8. Document ID: US 5464806 A

L5: Entry 8 of 11

File: USPT

Nov 7, 1995

US-PAT-NO: 5464806

DOCUMENT-IDENTIFIER: US 5464806 A

TITLE: Glyphosate-containing herbicidal compositions having enhanced effectiveness

DATE-ISSUED: November 7, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kassebaum; James W.	Manchester	MO		
Dayawon; Miguel M.	St. Louis	MO		
Sandbrink; Joseph J.	Des Peres	MO		

US-CL-CURRENT: 504/206; 504/362

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Sequences](#) | [Attachments](#) | [KIMC](#)
[Drawn Desc](#) | [Image](#)

9. Document ID: US 5258359 A

L5: Entry 9 of 11

File: USPT

Nov 2, 1993

US-PAT-NO: 5258359

DOCUMENT-IDENTIFIER: US 5258359 A

TITLE: Glyphosant-containing herbicidal compositions comprising acetylenic diol rainfastness enhancing agents

DATE-ISSUED: November 2, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kassebaum; James W.	Manchester	MO		
Dayawon; Miguel M.	St. Louis	MO		
Sandbrink; Joseph J.	Des Peres	MO		

US-CL-CURRENT: 504/206; 504/362

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

 10. Document ID: US 4441917 A

L5: Entry 10 of 11

File: USPT

Apr 10, 1984

US-PAT-NO: 4441917

DOCUMENT-IDENTIFIER: US 4441917 A

TITLE: Herbicidal urea derivatives

DATE-ISSUED: April 10, 1984

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Griffin; David A.	Bracknell			GB2
Collins; David J.	Crowthorne			GB2

US-CL-CURRENT: 504/302; 504/226, 504/249, 504/287, 504/311, 504/328, 558/413, 560/13

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc Image					KMC				

[Generate Collection](#)[Print](#)

Terms	Documents
I3 and L4	11

[Display Format:](#) [-](#) [Change Format](#)[Previous Page](#) [Next Page](#)

WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 11 of 11 returned.**

11. Document ID: US 20020058591 A1, WO 200207519 A1, DE 10036002 A1, AU 200189654 A

L5: Entry 11 of 11

File: DWPI

May 16, 2002

DERWENT-ACC-NO: 2002-291807

DERWENT-WEEK: 200237

COPYRIGHT 2002 DERWENT INFORMATION LTD

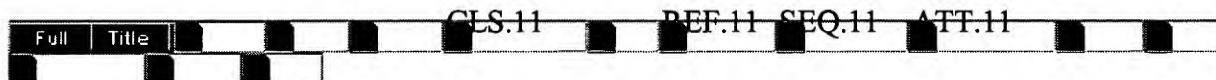
TITLE: Herbicidal composition, especially for selective weed control in crops, containing herbicide in combination with surfactant and humectant to improve activity and selectivity special against Bromus weeds

INVENTOR: BICKERS, U; BIERINGER, H ; FRISCH, G ; HACKER, E ; HUFF, H P

PRIORITY-DATA: 2000DE-1036002 (July 25, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20020058591 A1	May 16, 2002		000	A01N047/36
WO 200207519 A1	January 31, 2002	G	063	A01N047/36
DE 10036002 A1	February 14, 2002		000	A01N047/34
AU 200189654 A	February 5, 2002		000	A01N047/36

INT-CL (IPC): A01 N 25/22; A01 N 47/34; A01 N 47/36[Generate Collection](#)[Print](#)

Terms	Documents
I3 and L4	11

Display Format:
[Previous Page](#) [Next Page](#)